



## CANWARN TRAINING 2013

On June 3<sup>rd</sup> Geoff Coulson Warning Preparedness Meteorologist | - Ontario Region Client Services - Environment Canada presented Canwarn Training to 26 people, some from outside of the ham radio field. From the quality of the presentation, it's obvious that Geoff knows his weather.



John Sacek, our local Canwarn co-ordinator - wishing the guy with the camera would go away



Norm 'XRC' chatting with Geoff



VE3MCZ (Fort) hamming it up!



Local emergency officials comparing notes  
Merv Halvorsen VA3TSA (left)

### **VOLUNTEERS NEEDED**

**THE THUNDER BAY TRIATHLON IS BACK !**

**JULY 28TH AT BOULEVARD LAKE.  
9AM - 1PM (RAIN OR SHINE)**

**9 VOLUNTEER OPERATORS ARE NEEDED  
THOSE INTERESTED PLEASE EMAIL  
JSACEK@DELTASURVEY.COM OR CALL  
621-0398**

**DON'T FORGET YOUR T-SHIRT SIZE!**

**LARC SENATE**

Bob Hansen VE3RVA  
 Dave Kimpton VE3AVS  
 Laurie Bridgett VE3BCD  
 Terry Stewardson VA3LU  
 Ed Baumann VE3SNW

**LARC EXECUTIVE**

**President - Jeff Cederwall  
 VE3JTD**

**Vice President - vacant**

**Secretary - Jeff Cederwall  
 VE3JTD**

**Treasurer -Paul Curtin VA3PDC**

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Terry Stewardson VA3LU  
 Lori Bedford VE3VAI  
 Bill Unger VE3XT

**LARC Emergency Coordinator**

Brad Harris VE3MXJ 767-0628

**ARES District Emergency  
 Coordinator**

VE3FAL Fred Lesnick 577-0789

**CANWARN**

VA3JMS John 767-3631  
 VE3MXJ Brad 767-0628

**Public Service Events**

VA3JMS John 767-3631

**Accredited Examiners**

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**ABOUT US**

The Lakehead Amateur Radio Club (LARC) is an incorporated not for profit group of amateur radio operators in the Thunder Bay area that meet for self education, community service and fellowship. Our meetings are the second Thursday of the month at room 191 McIntyre Building, Confederation College, 7:30 PM. Our postal address is 1100C Memorial Ave. Suite 184, Thunder Bay, Ontario P7B 4A3. This newsletter is published monthly except for July and August by Ed Baumann VE3SNW and questions and submissions may be emailed to [ve3snw@shaw.ca](mailto:ve3snw@shaw.ca)

**Nets in the Thunder Bay Area**

**Sunday** AMETHYST ARES VHF NET, on VE3TBR 146.820- pl 107.2 IRLP Ref. # 9031 @ 0045Z (7:45 pm), also Cook County ARES Response Team ( CARRT) net at 0100Z (8 pm) on the BWARC repeater, Grand Portage repeater - 146.655 with CTCSS 151.4

**Monday** SATERN NET on VE3TBR 146.820- pl 107.2 IRLP Ref. # 9032

SATERN DIGITAL NETS on **Monday & Wednesday** nights

8 pm- 14.065

9 pm- 7.065

10 pm- 3.5835

Mode :Olivia 8/500 1000Hz waterfall centre

**Tuesday** 2M/ LARC ARES NET on VE3YQT 147.060- @ 7:00PM ET, and after this net is the new THUNDER BAY ARES DIGITAL NET on PSK31 between 1000 & 2000 WATERFALL 145.050 FM mode @ 7:30PM ( usually starts after the 2m/ ares net)

**Every Day** The NORTHWESTERN ONTARIO ARES NET , every evening at 8:15PM (local) on 80m 3.750Mhz (note the time does not change with daylight savings time.)

Any questions on these or other nets please feel free to contact me at my e-mail: [ve3mxj@rac.ca](mailto:ve3mxj@rac.ca)

**LARC OPEN ACCESS REPEATERS**

**VE3YQT(Mount Baldy)147.060 (-600) Phone Patch**

**VE3TBR (St. Joseph's) 146.820 pl 107.2**

**442.075 (+5 MHz)pl 100**  
**144.390 APRS**

**VE3UPP Upsala 145.470 (-600)**

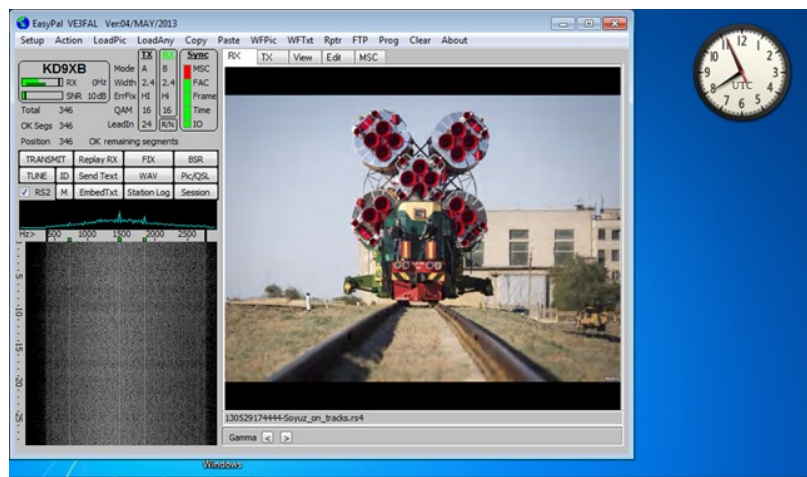
Many shortwave stations are using digital modes now to send some news and pictures to promote digital modes and make folks more aware of what they can do.

Here is my copy of the VOA today using FLDIGI and EasyPal to copy, I was also able to copy them yesterday on 17 MHz.

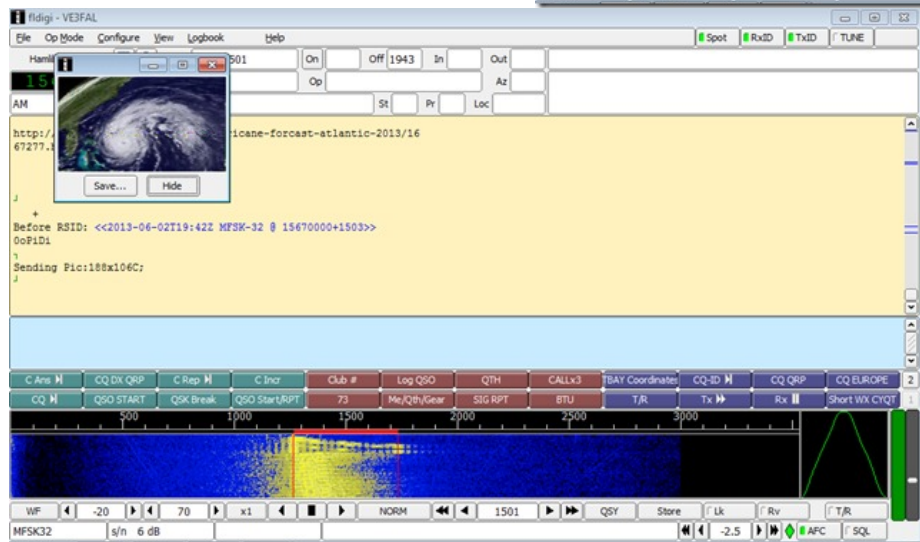
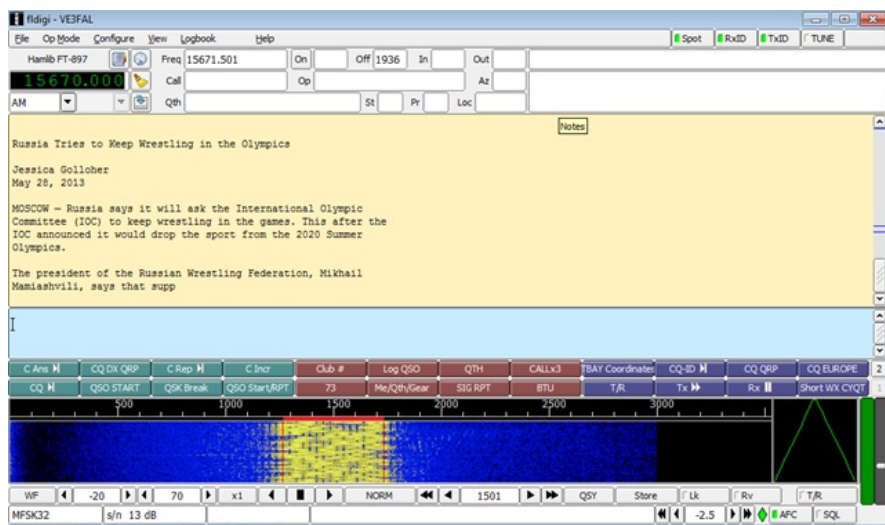
I have included a weblink for folks to see, as this is a weekly event.

<http://voaradiogram.net/>

Fred VE3FAL



Graphics captured by Fred



## Radiogram captured by Fred

This is VOA Radiogram in MFSK32

Forecast: More Storms Likely During 2013 Hurricane Season

Rosanne Skirble

May 23, 2013

The 2013 Atlantic Hurricane season could be busier and deadlier than average, according to predictions released Thursday by the National Oceanic and Atmospheric Administration or NOAA. The six-month seasonal outlook for Atlantic storms will be above average says Jerry Bell, lead Atlantic hurricane forecaster with NOAA's Climate Prediction Center. "The outlook is calling for 13 to 20 named storms, of which we expect 7 to 11 to become hurricanes and three to six to become major hurricanes. So this is a lot of activity that we are predicting for this year," Bell said. These ranges are well above the typical season of 12 named storms, six hurricanes and three major hurricanes. Bell says it is due to a confluence of climatic factors.

"And one of the factors again for this year is those wind and air pressure patterns that have been producing increased activities since 1995 are in place again this year. Another factor that we associate with more hurricanes is warmer Atlantic ocean temperatures and the Atlantic is again warmer this year," Bell said.

Another factor is the absence of an El Niño weather pattern, the upwelling of warm ocean waters in the eastern Pacific which typically reduces hurricane activity.

NOAA acting Administrator Kathryn Sullivan says the release of the Atlantic Hurricane Season Outlook underscores the need for Americans to prepare for these destructive and often deadly storms. In a statement, Sullivan reminds people that hurricane impacts are not limited to the coastlines. "Strong winds, torrential rain, flooding and tornadoes often threaten inland areas far from where the storm first makes landfall," she said. For the first time this year, NOAA will transmit Doppler radar data in real time, which will help forecasters better analyze evolving storm conditions. The Atlantic hurricane season runs from June 1 to November 30.

<http://www.voanews.com/content/hurricane-forecast-atlantic-2013/16>

67277.html

## VE3XT is cleaning the Shack!

It's time to downsize and the following goodies need to goto a new home.

Millen Grid Dip Meter c/w all coils	\$ 80
Heathkit HW 8 QRP transceiver, modified for RIT	\$150
Bird 500B element (still in original plastic)	\$ 50
Simpson RF Ammeter 0 to 500 mA (original box)	\$ 90
Eimac 4CX 250B never used in original box (Qty 2)	\$100 each
Jennings VAC Caps ~ 250 pF (I have several)	\$200 each
Jennings Variable VAC Caps 7.5 kV 50 to 350 pF (I have several)	\$350 each
Telefunken TF25 6M XCVR with xtals	\$ 30
Sony Short Wave Receiver ICF6500	Offers
Alinco DX70 HF + 6M Transceiver	\$400
Kenwood TS 120S Transceiver, This rig has an intermittent	Offers
Power Supply for the above transceiver, buy the XCVR get the PS free	
Heathkit 2M Amp HA 201	\$ 20
Heathkit VTVM Model V 7 A with leads, RF Probe and manual	\$ 40

Send me an email and I will send pictures of any item you wish to see. And always open to offers on any of the above. And just in case you're wondering if I am getting out of Radio, the answer is no. I am getting out of warehousing ;-)

Bill VE3XT [ve3xt@rac.ca](mailto:ve3xt@rac.ca)

**X1M HF Transceiver Review and Testing**

Review and testing by Fred Lesnick VE3FAL April 22, 2013

**First Impressions:**

Very well packed with bubble wrap for shipping. Included is information about X1M from XG radio but it is in Chinese so does little for the North American Operator.

When I took the unit out of the box I was once again amazed at the size and ruggedness of the build. The green display is easy to read as is all the silk screening on the front and rear covers.

The audio from the unit is also very clean and loud for a small unit.

The unit is very light for an all band and all mode unit.

Preamp works well and unit is very quiet on receive.

Menu navigation is easy.

**New Version Comments-Read last review for comparison:**

- 1) Coax connection is still an SO-239 connector. Change over to BNC would be an asset.
- 2) Polarity is now marked and unit comes with barrel connector included.
- 3) CW delay works wonderful on this unit now with no issues
- 4) Adjustable cw pitch is an added bonus
- 5) CW mode will not work if microphone is plugged into the front of the radio
- 6) Marked KEYS on the back which is nice to see
- 7) No Power Out or S meter indication on display
- 8) No adjustable filtering for SSB or CW use.
- 9) Adjustable cw side tone volume would be nice feature, too loud with headphones on
- 10) Headphone jack should be on front of unit –BUT NOT A BIG DEAL
- 11) Display is clear and bright, not too small and still easy to read
- 12) CW tone is clear
- 13) Audio is clear from unit
- 14) Size of radio makes it very compact for portable use
- 15) Data jack on back of unit nice feature for digital modes
- 16) Silk screening is very pleasant to read
- 17) Case and unit is well built
- 18) All controls on unit feel good
- 19) 99 memories
- 20) General coverage receiver

For those off to Dayton this year, look at some of the new QRP stuff that will be available. Ed from Import Communications will be in North Hall, booth 175-176 showing off the latest X1M QRP transceiver.

There will be others there as well, Yimin from YouKits will be there and stop by and say hello to him. Hope you all have fun, can't make it again this year due to work and business keeping me in check.

Cheers  
Fred

**RIT Button:** When pressed for 2 seconds this will bring you too the **SYSTEM MENU** display-from here you have 2 options- **YES** or **NO**. By pressing the button directly underneath either option will make the choice. If YES is pushed this is what you may see: \* indicates default setting when radio received.

- 21) RCLK Ratio x6\* x1
- 22) DDS Clock 032768131\*
- 23) LSB BFO 08988750\*
- 24) USB BFO 09000850\*
- 25) CW BFO 09001380\*
- 26) IF OFFSET +08999830\*
- 27) KEY MODE MANUL\* AUTO
- 28) KEY SPEED A-KEY-SPEED 060\* (adjustable)
- 29) CW DELAY 1000\* (adjustable from 0000-5000)



NOTE: Obviously all radios will have different default settings. Owners should be advised to write these down for future reference.

New items in menu are:

- 30) CW TONE 800\*
- 31) MUTE NO\*
- 32) RST SETTING NO\*

To make any changes to the menu values push main tuning knob in and if value can be changed you will see 2 arrows on either side of the setting, it then can be changed. Once changed quickly press main tuning button again to exit menu.

When all settings are adjusted-momentarily press and release RED BL/LOCK button- It will then ask if you want to **SAVE CHANGES? YES** or **NO**

Press the black button directly under the option you wish to choose. You will then be directed back to the **VFO/MEMO** setting when all is saved.



**North East Ontario Regional Directors Report for June, 2013**

Once again Radio Amateurs of Canada was at Dayton. Due to the great response we received last year we increased the size of our booth 100%. Last year visitors often overflowed into the aisle outside of our booth so we made room for Canadian Amateurs to visit and talk to other Canadians and RAC officials. I have not seen the final number but approximately 200 Canadian Amateurs stopped by to say hello and sign our guest book.

Our message to all Canadian Amateurs is that RAC is fiscally solvent, check out the audit results published in TCA from November for complete results.

Membership is rising, admittedly we are not beating off members but the numbers are increasing. To quote my financial advisor regarding my portfolio, "There are no bad ups", I believe this applies to membership as well. Three years ago there were no Maple Leaf Members, today we have over 250. These are Canadian Amateurs who believe in RAC and are willing to pay \$100 to support their organisation. Thanks.

We are in the final phases of completing our contract to update the exam questions with Industry Canada. I think this shows the value that IC sees in RAC by having them update the question bank. And I will declare my bias!

Don't forget that on July 1<sup>st</sup> the RAC Canada contest will be held. For complete details check out the RAC website at: <https://www.rac.ca/>

The other outreach program we are starting is inviting RAC Maple Leaf Members, RAC Affiliated Clubs Presidents and RAC members of ARES to webinars. Look for your invitation in your email. Other Directors will be holding similar webinars throughout the year.

RAC is also looking for recipients of our scholarship grants. If you know of an Amateur who is in a Science, Technology, Engineering and Mathematics (STEM) program please contact me for information on applying or go to the RAC web site for full details. Do you know of a high school that is doing a project using Amateur Radio that would qualify as well?

Finally since this is the June issue of my Directors Report it will be the last one until September. Many clubs take a bit of a hiatus during the summer and I will as well. However if there is breaking news I will certainly keep you all informed. Have a safe summer.

If you have any questions or concerns please email me at [ve3xt@rac.ca](mailto:ve3xt@rac.ca)

Bill VE3XT

North East Ontario Regional Director  
Radio Amateurs of Canada

May 2013 Treasurers Report

Balance May 01 2013 **\$1,341.92**

Income

May 21      Membership dues **\$35.00**

**Total Income \$35.00**

Expenses

May 10      Trailer cell phone (annual fee) **\$85.32**

**Total Expenses \$85.32**

**Balance May 31 2013 \$1,291.60**

<u>Trailer Account</u>		
	Previous Balance	<b>\$653.65</b>
<u>Income</u>		
May 31 2013	Interest	\$0.06
Total		<b>\$653.71</b>
<u>Expenses</u>		
		\$0.00
Total Expenses:		<b>\$0.00</b>
	Balance in Trailer Account	<b>\$653.71</b>

Term Account

Balance May 01 2013 **\$2,026.43**

Interest May 09 2013 **\$0.67**

Balance May 31 2013 **\$2,027.10**

**Paul Curtin VA3PDC  
Treasurer**